

# or Awning Dk. IRON OR STEEL STEAMER.

No. 2620

TUES. 13 JUN 1899

State of Report is also sent on the Machinery of the Vessel

Date of completion of Report 12 June 99

Received at London Office

Date, First Survey 19 July 98

Last Survey 6 June

1899

"Mont Blanc"

Rig S/R

under Deck...  
Tonnage Dk.  
Ath, Spar or Dk.

SPAR, AWNING OR PART AWNING-DECKED VESSEL,  
or a Vessel having a continuous Shade Deck.

Master *Crouzat*

Year of Appointment

(1) As Master in service of owner of present vessel:—1899  
(2) As Master of this vessel:—1899

ler Upper Dk. 2691.19  
p houses 8.72  
dge House 45.88  
ecasts 74.89  
ses on Deck 32.62  
as of Hatchways 72.09  
Crown of Room... 2925.34  
nnage 63.34  
Space 72.09  
Crown of Room... 2789.91  
FOR FEES... 936.11  
Room 35.31  
ation Spaces

CLASS 100A1

FEET.

Built at *Middlebro*

When built 1899 Launched 25 March 99

By whom built *Sir Raylton Dixon & Co*

Owners *Société Générale de Transport*

Managers *Maritimes à Vapeur*

(Where necessary to be entered in Reg. Book.)

Residence *Marseilles*

Port belonging to *Marseilles*

Tonnage 1890.58

Destined Voyage *Sunderland to load* Is Surveyed while Building, Afloat, or in Dry Dock *Yes*

on Deck	Feet.	Inches.	BREADTH	Feet.	Inches.	DEPTH, top of Floors to Spar or Awning Dk. Beams	Feet.	Inches.	Power of Engines	Horse.	No. of Decks with flat laid	No. of Tiers of Beams
Rule...	318	—	Moulded	44	6	Do.	23	4	15	4 1/2	2	deep framing

as of Ship per Register, Length 320 breadth 44.8 depth 23.25 Spar ~~Awning~~ Dk. Moulded depth, ft. 17 ins. 9 3/4 To Main Dk. Round up of Beam, Main Dk. 11 ins.

FRAMING.						FORGINGS AND CASTINGS.					
Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches per Rule Or as Approved.	Inches in Ship.	20ths in Ship.	Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches per Rule Or as Approved.	Inches in Ship.	Inches per Rule Or as Approved.
Angles, or T or L Bars, for 1/2 length amidships	5	3	8	5	3	KEEL, Bar or Side Plates, depth and thickness	Flat plate keel	10 x 2 3/4	10 x 2 3/4		
or 1/2 at each end	"	"	"	"	"	STEM, moulding and thickness	10 x 6 1/2	10 x 6 1/2	10 x 6		
way of Double Bottoms at Solid Floors	3	3	8 1/2	3	3	STERN-POST for Rudder do. do.	10 x 6 1/2	10 x 6 1/2	10 x 6		
4 1/2 in plates at intermediate Bkts.	3 1/2	3	8 1/2	3 1/2	3	" " for Propeller	8 1/2	8 1/2	8 1/2		
of Frames from moulding edge to	24		24			MAIN PIECE of Rudder, diameter at head	4 1/2	4 1/2	4 1/2		
ing edge, all fore and aft	5 1/2	3	8 1/2	5 1/2	3	do. at heel	4 1/2	4 1/2	4 1/2		
SED FRAME, Angles	7 1/2		7 1/2			RUDDER, how constructed	Forging plated				
FRAMING, depth of girder						Can the Rudder be unshipped afloat?	Yes				
IS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships						KEELSONS AND STRINGERS.					
in way of Engines and Boilers						CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate					
thickness at the ends of vessel						" Rider Plate					
depth at 1/2 the half-bdth. as per Rule						" Bulb Plate to Intercoastal Keelson					
height extended at the Bilges						" Horizontal Plates on Floors					
IS & BRACKETS, in Cell Dble Bottoms	40 x 48	7	40 x 48	7		" Angles					
Distance apart	24 x 48		24 x 48			" Bulb or Plate above floors, for lng.					
E GIRDER, in Double bottom, depth and thickness	40 x 48	10	40 x 48	10		" Intercoastal Plate, for length					
" Angles, Top	4 1/2	4	4 1/2	4		" Attached to outside plating with Angle					
" Bottom	4 1/2	4 1/2	4 1/2	4 1/2		BILGE KEELSON, Angles					
RDERS, number and thickness	1 forward	3 aft				" Bulb or Plate above floors, for lng.					
Angles						" Intercoastal Plate, for length					
N PLATE, depth (exclusive of flange) and thickness	32	8	26	8		" Attached to outside plating with Angle					
Angles	3 1/2	3 1/2	8	3 1/2		BILGE STRINGER Angles					
BOTTOM PLATING, breadth and thickness of Middle Line Strake	36	9	36	9		" Bulb Plate, for length					
" thickness in Engine and Boiler space	9 x 10		9 x 10			" Intercoastal Plate, for length					
Remainder in Holds	Fore holds	7	aff holds	8		" Attached to outside plating with Angle					
Spar or Awning Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	7 1/2	3	10	7 1/2		SIDE STRINGERS Angles					
Angles on upper edge						" Bulb or Intercoastal Plate, for full lng.	9	3 1/2	14	9	3 1/2
verage space	24		24			" Attached to outside plating with Angle	3 1/2	3 1/2	9	3 1/2	9
Main Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	8	3	11	8		Spar, or Awning Deck Stringer Plates, breadth and thickness	46	10	46	10	
Angles on upper edge						" Angle on ditto	4 x 4	11	4 x 4	11	
verage space	24		24			" Tie Plates, fore and aft, outside Hatchways	Deck plating increased				
Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb						" Diagonal Tie Plates, No. of prs.	Deck plating increased				
Angles on upper edge						" Deck, Iron or Steel, for full lng.	Deck plating increased				
verage space						" Wood Deck, Material and thickness	Steel deck under erscins				
Hold, or Orlop, Plate or Tee Bulb						Main Deck Stringer Plate, breadth & thickness	46	10	46	10	
Angles on upper edge						" Angles on ditto, No.	4 x 4	9	4 x 4	9	
verage space						" Tie Plates, outside Hatchways					
Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb	7 1/2	3	9	7 1/2		" Diagonal Tie Plates, No. of prs.					
Angles on upper edge						" Deck, Iron or Steel, for full lng.					
Average space	48		48			" Wood Deck, Material and thickness	increased at openings				
Bridge Deck, Angle, Bulb Angle, Plate or Tee Bulb	7 1/2	3	9	7 1/2		Lower Deck Stringer Plates, br'dth & thckn's					
Angles on upper edge						" Angles on ditto, No.					
Average space	48		48			" Tie Plates, outside Hatchways					
Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	8	48	8	48		" Deck, Material and thickness					
Angles on upper edge						Hold, or Orlop Stringer Plate, br'dth & thckn's					
verage space	2 3/4	48	2 3/4	48		" Angles on ditto, No.					
AS, In 'tween Deck, size and spacing	3 1/2	48	3 1/2	48		" Tie Plates, outside Hatchways					
" Hold	2 3/4	48	2 3/4	48		" Deck, Material and thickness					
" Quarter, 'tween Dks., " "	2 3/4	96	2 3/4	96		Poop Deck Stringer Plate, breadth & thickness	30	6	30	6	
" in Hold	3 1/8	96	3 1/8	96		" Angles on ditto	3 x 3	7	3 x 3	7	
RAMES, In Fore Body, No. and spacing br'dth. & thickness	30		30			" Tie Plates	11	7	11	7	
No. of Side Stringers	one		one			" Deck, Material and thickness	pp		3		
RAMES, In E. & B. Space, No. & spacing br'dth. & thickness	24		24			Bridge Deck Stringer Plate, br'dth & thickness	30	8	30	8	
RAMES, In After Body, No. and spacing br'dth. & thickness						" Angle on ditto	3 x 3	8	3 x 3	8	
No. of Side Stringers	3 1/2		3 1/2			" Tie Plates	11	8	11	8	
Size of Angles or Tee Bars to Web Frames						" Deck, Material and thickness	pp		3		
ET PLATES to Stringers between Frames, depth and thickness						Forecastle Deck Stringer Plate, br'dth & th'kns	30	6	30	6	
						" Angle on ditto	3 x 3	7	3 x 3	7	
						" Tie Plates	11	7	11	7	
						" Deck, Material and thickness	pp		3		

\* If Iron or Steel Deck, state if whole or part, and if wood deck is laid thereon.

BULKHEADS.				STIFFENERS.				Single or Double Frames.		Height up.	
In Vessel.	Per Rule.	Thickness.		Horizontal.	Vertical.	Spacing.					
W. T. BULKHEADS	5	5	7-6	8 x 3 x 10	5 x 3 x 10	48	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2
PARTITION											
LONGITUDINAL											
Are the outside Plates doubled two spaces of Frames in length? <i>Diamond shape</i>											



# PLATING.

# RIVETING.

STRAKES.	AS IN SHIP.					PER RULE OR AS APPROVED.		Lower EDGES.				BUTTS.							
	AMIDSHIP.		FORWARD.	AFT.	AMIDSHIP.		Single or Double.	Breadth of Lap.	RIVETS.		Double or Treble and for what Length.	RIVETS.		STRAPS.		IF LAPPED.		Breadth.	For what Length.
	Breadth.	Thickness.	Thickness.	Thickness.	Breadth.	Thickness.			Diam.	Spacing or. to cr.		Diam.	Spacing or. to cr.	Breadth.	Thickness.				
	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.			Inches.	Inches.		Inches.	Inches.	Inches.	Inches.				
FLAT PLATE KEEL	36	16	13	13	36	16	Double	6	1	4	7R all	1	3 1/2	19	20	-	-	-	-
(If Bar Keel, state Riveting)																			
GARBOARD OF A Strake	46	12	11	11-12	36	12	"	"	"	"	"	7/8	3 1/2	-	-	9	Full	-	-
State actual thickness in way of Double Bottom	x	10	9	10-11		10	"	5 1/4	7/8	3 3/4	"	"	"	-	-	"	"	-	-
for Body only reduced	x	11	9	9-13		11	"	"	"	"	"	"	"	-	-	"	"	-	-
B		11	9	10		12	"	"	"	"	"	"	"	-	-	"	"	-	-
C		11	9	9-12		11	"	"	"	"	"	"	"	-	-	"	"	-	-
D		12	9	10		12	"	"	"	"	"	"	"	-	-	"	"	-	-
E		11	9	9-12		11	"	"	"	"	"	"	"	16 1/4	15	"	that the tank side	-	-
F		12	9	10		12	"	"	"	"	"	"	"	-	-	"	Full	-	-
G		11	9	9-11		11	"	"	"	"	"	"	"	-	-	"	"	-	-
H		12	9	9-12		12	"	"	"	"	"	"	"	-	-	"	"	-	-
J		11	9	9		11	"	"	"	"	"	"	"	-	-	"	"	-	-
K	46	12	9	9	46	12	"	"	"	"	"	"	"	-	-	"	"	-	-
L		13	9	9-10		13	"	"	"	"	"	"	"	-	-	"	"	-	-
M	42	15	10	10	42	15	"	6	1	4	"	"	1 3/2	19	19	-	-	-	-
N																			
O	x	B+C	Diagrams only reduced in fore body, in after body in way of well																
P			x where floors are on alternate frames																
Q			B+C are 7/16 x 7/16 respectively + D 7/16																
DOUBLING OF Flat Plate Keel																			
Length and thickness of Bilges																			
Length and thickness of Sheerstrakes																			
Length and thickness of Strake below																			
POOP SIDES		upper side 9"	-	7	-	7													
BRIDGE SIDES		lower side 8"	-	-	-	-													
FORECASTLE SIDES		-	7	-	-	7													
										Butts quadruple riveted where over rule breadth									
										Length of plates 10 spaces									

Manufacturer's name or trade mark of the Iron or Steel (state process of manufacture of Steel) used for Frames, Floors, Beams, Keelsons, Tie and Stringer Plates, Plating, &c. *Siemens process*  
*Bolckow, Dorman, Consett, Moor*  
*Stockton Malleable, South Durham*

**Spar or Awning** Butts, treble riveted for  $3/4$  length amidship.  
**Stringer Plate** (Straps, single, double or overlapped for *full* length amidship.  
**Main Stringer** Butts, treble riveted for  $3/4$  length amidship.  
**Plate** (Straps, single, double or overlapped for *full* length amidship.  
**Butts of Bilge & Side Stringers and Tie Plates**, treble or double riveted? *T+D*  
**Inner Bottom Plating**, riveting of Edges *D+S* Butts *D+S*  
**Centre Girder Butts**, *Double* riveted **Keelson Butts**, *Double* riveted.  
**Frames**, riveted through Plates with  $7/8$  in Rivets, about  $6 1/4$  apart.  
**Rivets**, state whether Iron or Steel *Iron*

**FRAMES** extend in one length from *margin* to *Spar, poop, bridge & fore-castle decks*  
**REVERSED FRAMES** on floors and frames extend from *to main & spar decks alternately*, all to *spar dk in way of poop bridge & fore-castle*, & in way of *26ft x 28ft Latchways* - *Double in 8+13 Space*

MASTS, SPARS, &c.													
		Material.	<i>Rate</i> Total Length	DIAMETER AND THICKNESS.				No. of Plates in round.	ANGLES.		RIVETING.		
			At Partners.	Heel.	Hounds.	Head.	Number.		Size.	Seams.	Butts.		
LOWER MASTS....	Fore pole.	Steel	74.6	22 x 1/20	17 1/2 x 3/20	16 1/2 x 1/20	2	-	✓	Single	T & D		
	Main ...	"	73.10	20	20	20	2	✓	✓	Do	Do		
	Mizen .....												
Bowprit													
Topmasts, Yards and Remainder of Spars <i>p. fine</i>													
Rigging, Material and Size, Shrouds <i>Steel wire 3/4</i> Stays <i>4 1/2 x 4</i>													
Sails. <i>True</i> Suit of <i>fore &amp; aft</i> Sails, and the following spare sails ✓													

EQUIPMENT No. 31500 LETTER <i>U</i>										ANCHORS.									
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK			WEIGHT OF STOCK			TEST, PER CERTIFICATE.			WEIGHT REG. BY RULE.			Description of Anchor.			Makers.		
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	Cwts.	qrs.	lbs.						
35067	1st Bower	45	3	14	Stockless	39	15	3	21	45	2	-	Taylor's Pat.	Taylor's Pat.	Sund.	28/12/98			
35063	2nd "	45	3	-	Do	39	14	1	14	45	2	-	Do	Do	Do	Do			
35059	3rd "	39	1	-	Do	35	5	2	14	39	-	-	Do	Do	Do	Do			
	Collective weight	130	3	14		130	-	-		130	-	-							
34818	Stream	11	1	-	2	3	7	13	2	2	11	1	-	Rodgers	Do	Do	25/11/98		
34888	Kedge	5	2	-	1	1	14	7	16	1	5	2	-	Do	Do	Do	7/12/98		
	2nd Kedge																H. J. Welford		

CHAIN CABLES.										HAWERS AND WARPS.									
Number of Certificate.	Fathoms.	Size.	Test per Certificate.	WEIGHT OF CHAIN CABLE.			Fathoms and Size Per Rule.	Description.	Makers of Cables.	When and where tested, and Superintendent.	Material.	Fathoms.	Size.	Breaking Test of Steel Wire Towline.	Fathoms and Size Per Rule.				
				Supplied.	For Rule.	Per Rule.													
14150	270	1 1/2	94 1/2	516	1	14	270	1 1/2	Stud	Taylor's Sund.	19/1/99	TOWLINE	Steel	100	4	33	100	4	
			67 1/2									HAWSE	"	90	3 1/2	22	90	3 1/2	
												WARP	Manila	90	8 1/2	-	90	8 1/2	
													"	90	7	-	-	-	
													"	90	6	-	-	-	
Iron Stream Chain or Steel Wire <i>90 4 1/4 35 ✓ ✓ 90-4 1/2 Steel wire M. Corbitt &amp; Son makers cert</i>																			

**Boats** *2 life boats, 1 gig, 1 jolly boat*  
**Pumps, Number** *7*  
**Windlass is** *Steam Emerson Walker*  
**Engine Room Skylights.** - How constructed? *Leak*  
**What arrangements for deadlights in bad weather?** *Bulls eyes*  
**Coal Bunker Openings.** - How constructed? *plates & angles* How are lids secured? *Battened* Height above deck?  
**Number of Scuppers,** and number and dimensions of **Freeing Ports, &c.** *Scuppers 6 pr - F. Ports 6 pr 36" x 20*  
**Ceiling in Holds,** thickness and material *2 1/2 pine* Ceiling 'tween Decks, thickness and material *2" pine*  
**Cargo Hatchways.** - How formed? *plates & angles* Hatches, if strong and efficient?  
**State size No. 1 Hatch (Forward)** *20 x 16* **No. 2 Hatch** *28 x 16* **No. 3 Hatch** *24 x 16* **No. 4 Hatch** *20 x 16*  
**Number of Web Plates, Shifting Beams and Fore and Afters** to each Hatch *7 1/2 1 + 4 - 1 web 7 1/2 2 + 3 - 2 webs - all 3 fore & afters*  
**No. of Breasthooks** *6* **No. of Crutches** *2 floors of flat*  
**Bulwarks,** height above deck and description *4 ft. Plates & stays* Main Rail, material and size *B. angle*  
**The above is a correct description.** *FOR SIR RAYLTON DIXON & COMPANY, LIMITED.*  
**Builder's Signature** *(here only) H. J. Welford* **Surveyor's Signature** *W. H. Cooper*  
**Surveyor to Lloyd's Register of British & Foreign Shipping.**



Correspondence.—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with this case)

M-14/3/98, 30/3/98, 12/5/98, 4/7/98, 3/1/99, 31/5/99

E. 22/7/98

Workmanship. Are the butts of plating planed or otherwise fitted? planed

Is the riveted work properly closed? Yes

Are the liners between the frames and plates solid single pieces? Yes

Do the holes for riveting plate to frames, butt straps, or plate

to plate, &c., conform well to each other? Yes

Are the rivet holes well and sufficiently countersunk in the plate and punched

from the faying surfaces? Yes

Do any rivets break into or through the seams or butts of plating? a few

Are the butts of Plating, Stringers, &c., properly shifted and strapped? Yes

General Remarks (State quality of workmanship, &c.) Good -

This vessel has been built in accordance with the approved plans, the Secretary's letters of the above dates, & in general conformity to the Rules for the Class contemplated. The double bottom floors are on every frame in the E & B space & fore holds, and on alternate frames in the after hold. The inner bottom in the after hold has been increased to in lieu of alternate intermediate stiffening angles. The decks, pumps, & tunnel have been tested as required by the Rules, & the W.T. doors examined & found efficient. Cast steel quadrant tiller fitted.

5 plans, 1 forging report, 1 report on cast steel quadrant tiller.

The Surveyor should state the Number of Report and Name of any Sister Vessel.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 30 ft., R.Q.D. or Break ✓ ft., Bridge Dk. 76 ft., F'castle 35 ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated ✓

No. and Material of Decks (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given as it should appear in the Register Book) 1 Dk (Stl) & Spar Dk (pt iron & pt Stl) & deep framing

Official No. ; Signal Letters

How are the surfaces preserved from oxidation? Inside cement & paint Outside paint

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system Yes

Where fitted.	Length.	Water Capacity.	Where fitted.	Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	94	240	Fore peak tank,	✓	✓
Double bottom, forward,	140	347	After peak tank,	✓	✓
Double bottom, under Engines and Boilers,	✓	✓	Midship deep tank,	✓	✓
Double bottom, if under Engines only,	20	64	Other tanks, if fitted,	✓	✓
Double bottom, if under Boilers only,	✓	657	(If necessary, furnish further information by sketch.)	✓	✓

State whether the above have been tested as required by the Rules. Yes

Order for Special Survey No. 394	1st. On the several parts of the frame, when in place, and before the plating was wrought	1898 July 19 20 27 29 Aug 4 9 23 26 Sept 9 14 26 28 29 Oct 3 5 10 12
Date 10 5 98	2nd. On the plating during the process of riveting	20 25 Nov 1 2 9 22 25 30 Dec 2 3 7 9 12 30 1899 Jan 5 9 11 14
Order for Ordinary Survey No.	3rd. When the beams were in and fastened, and before the decks were laid	19 26 30 Feb 2 8 10 16 18 21 24 27 28 Mar 3 6 13 18 20 22 24
Date	4th. When the ship was complete, and before the plating was finally coated or cemented	6 12 24 May 7 8 12 18 27 29 30 June 1 2 3 5 6
No. 460 in builder's yard.	5th. After the ship was launched and equipped	

Total No. of Visits 69

The amount of Entry Fee.....£ 5 : 0 : 0  
Special Survey Fee ...£ 94 : 15 : 0  
Travelling Expenses, if any £ : :  
Fees applied for, 12. 6. 1899  
Received by me, 12. 6. 1899

Certificate to be sent to

I am of opinion this Vessel should be Classed 100A1 Steel "Spar Dk" R.H. Cooper

With, or without Freeboard, as condition of Class. ✓ Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute FRI. 16 JUN 1899

Character assigned 100A1 Steel Spar Dk  
a & c  
+ 2 me 6, 99  
enquire